## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re P	atent Appl	cation of:		
Hitosh	i Narusawa	<b>a</b> .		
Applic	ation No.:	Unassigned	Group Art	Unit: Unassigned
Filed:	July 8, 20	03	Examiner:	Unassigned
For:	HEARING	S AID		
		<u>INFORM</u>	ATION DISCLOSURE STA	TEMENT
PO Bo	nissioner fo ox 1450 ndria, VA 2	r Patents 2313-1450		
Sir:				
subjec	ed certain at U.S. pate	information which ent application. It is	the Examiner may conside	37 CFR § 1.56, there is hereby r material to the examination of the ner make this information of record cation.
1.	Enclosure	es accompanying	this Information Disclosure	Statement are:
	1a.  \( \sum \) 1b.  \( \sum \) 1c.  \( \sum \) 1d.  \( \sum \) 1e.  \( \sum \) 1f.  \( \sum \) 1g.  \( \sum \)	Copies of IDS An English lar application or English langua each non-Eng Explanations of providing a co	citations. Iguage copy of search reports a PCT International Search age translation (complete or lish language publication. For Relevancy of References incise explanation of each religious (ATTACH)	r relevant portion(s)) attached to (ATTACHMENT 1(e), hereto) for non-English publication.
2.	] This In		ure Statement is filed under	
	2a.	Within three n Continued Pro Within three n § 1.491 in an Before the ma Before the ma	osecution Application under nonths of the date of entry of international application. hiling of a first Office Action	national application other than a § 1.53(d); If the national stage as set forth in

` 3.		This Information Disclosure Statement is filed under 37 CFR § 1.97(c) after the period specified in paragraph 2 above but before the mailing date of any of a Final Office Action under § 1.113, a Notice of Allowance under § 1.311 or an action that otherwise closes prosecution in the application, AND  (Check either Item 3a or 3b; Item 3b to be checked if any reference known for more than 3 months)  3a.   The §1.97(e) Statement in Item 5 below is applicable; OR						
		3a.	The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:  enclosed.					
			to be charged to Deposit Account No. 19-3935.					
4.		specified in	nation Disclosure Statement is filed under 37 CFR §1.97(d) after the period n paragraph 3 above, but on or before payment of the Issue Fee, AND The § 1.97(e) Statement in Item 5 below is applicable; AND					
		4b.   T	The \$180.00 fee set forth in 37 C.F.R. §1.17(p) is:					
			enclosed.  to be charged to Deposit Account No. 19-3935.					
5.		Statement	t under § 1.97(e) (applicable if Item 3a or Item 4a is checked)					
			(Check either Item 5a or 5b)					
		5a. 🗌	In accordance with 37 CFR § 1.97(e)(1), it is stated that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.					
		5b. 🗌	In accordance with 37 CFR § 1.97(e)(2), it is stated that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known by any individual designated in §1.56(c) more than three months prior to the filing of this Information Disclosure Statement.					
6.	$\boxtimes$	This is a ( 1.53(b).	continuation/divisional/continuation-in-part application under 37 CFR §					
			(Check appropriate Items 6a and/or 6b)					
		6a. ⊠	Copies of the publications listed on the attached Form PTO-1449 which were previously cited in prior application Serial No. 09/662,336, filed on September 14, 2000, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, have been omitted pursuant to 37 CFR § 1.98(d).					
		6b. 🗌	Copies of the publications listed on the attached Form PTO-1449 which were not previously cited in prior application Serial No, filed on, and which is relied on for an earlier effective filing date for the subject application under 35 U.S.C. § 120, are provided herewith.					

· 7.		This is a continuation/divisional application under 37 CFR § 1.53(d) or a Request for Continued Examination under 37 CFR 1.114.					
			(Check either Item 7a or 7b)				
		7a. 🗌 7b. 🗍	The Issue Fee has not been paid. A Petition to Withdraw from issue under 37 CFR § 1.313(c) is filed concurrently herewith or has been granted. A continuation/divisional application under 37 CFR § 1.53(d) or a Request for Continued Examination under 37 CFR 1.114, after payment of the Issue Fee, is proper in accordance with 37 CFR § 1.53(d)(1)(ii) or 37 CFR 1.114(a), respectively.				
8.		This is a	Supplemental Information Disclosure Statement.				
	-		(Check either Item 8a or 8b)				
		8a. 🗌	This Supplemental Information Disclosure Statement under 37 CFR § 1.97(f) supplements the Information Disclosure Statement filed on A bona fide attempt was made to comply with 37 CFR § 1.98, but inadvertent omissions were made. These omissions have been corrected herein. Accordingly, additional time is requested so that this Supplemental IDS can				
		8b. 🗌	be considered as if properly filed on  This Supplemental Information Disclosure Statement is timely filed within one (1) month of the Notice under 37 CFR § 1.97 and 1.98, mailed				
9.		In accordai understoo	nce with 37 CFR § 1.98, a concise explanation of what is presently d to be the relevance of each non-English language publication is:  (Check appropriate Items 9a, 9b, 9c and/or 9d)				
		9a. 🗌 9b. 🗎	satisfied because all non-English language publications were cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, 8th Ed.) set forth in the application.				
		9c. 🗌 9d. 🔲	satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication. enclosed as Attachment 1(e), hereto.				
10		be, materia than search	ion is made that the information cited in this Statement is, or is considered to it to patentability nor a representation that a search has been made (other report(s) from a counterpart foreign application or a PCT International port, if submitted herewith). 37 CFR §§ 1.97(g) and (h).				

11. The Commissioner is authorized to credit any overpayment or charge any additional fee required under 37 CFR § 1.17 for this Information Disclosure Statement to Deposit Account No. 19-3935.

Respectfully submitted,

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Randall Beckers

Registration No. 30,358

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			DEPARTMENT OF COMMERCE NT AND TRADEMARK OFFICE		ATTORNEY DOCKET NO.			APPLICATION NO.		
PATE					1533.1001C			Unassigned		
LIST OF REFERENCES CITED BY APPLICA			APPLICANT							
					Hitoshi Narusawa			GROUP ART UNIT		
	(0	se several sheets	ıt necessai	<i>y)</i> July 8, 2003		3 1		Unassigned		
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EXAMINER		DOCUMENT					SU		FILING	
INITIAL		NO.	DATE	NAME		CLAS	S CLA	ss	DATE	
	AA	6, 353,671	03/02	Kandel et al.						
	AB	6,104,822	08/00	Melanson et al.						
1	AC	5,479,560	12/95	Mekata Tsuyosh	i					
	AD	4,051,331	09/77	Strong et al.						
	AE									
:	AF									
	1	DOCUMENT	FOREIGN	PATENT DOCUM	MENTS		SUB-	Ттрлі	NSLATION	
		NO.	DATE	COUNTRY		CLASS	CLASS		S NO	
	AG	WO/99/40755	08/12/99	WIPO				Х		
	AH	582 377	02/09/94	Europe				X		
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OTHER RE	FERE	NCES (Including	Author, Ti	tle, Date, Pertiner	nt Pages, I	Ētc.)			NSLATION S NO	
AM European Patent Office, Search Report, April 4, 2003; pages 1-4					X					
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EVALUES		<del></del>								
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